



STIC Search Report

EIC 1700

STIC Database Tracking Number: 145313

TO: Jennifer Leung
Location: REM 7A60
Art Unit : 1764
February 16, 2005

Case Serial Number: 10/722166

From: Kendra Banks
Location: EIC 1700
REM 4B28
Phone: 571-272-2516

Kendra.Mellerson@uspto.gov

Search Notes

No Cases Reported

US 6,413,479

TO BE SCANNED ,

PATNO IS 6413479

DATE: FEBRUARY 16, 2005
LIBRARY: PATENT
FILE: ALL

Your search request is:
PATNO IS 6413479

Number of PATENTS found with your search request through:
LEVEL 1... 1

Your search request has found 1 PATENT through Level 1.
To DISPLAY this PATENT press either the KWIC, FULL, CITE or SEGMENTS key.
To MODIFY your search request, press the M key (for MODIFY) and then the ENTER key.

For further explanation, press the H key (for HELP) and then the ENTER key.

LEVEL 1 - 1 PATENT

1. 6413479 , July 2, 2002 , Reforming apparatus for making a co-reduced reformed gas, Kudo, Hitoshi - Hirakata, Japan (JP); Yamaga, Noriyuki - Hirakata, Japan (JP); Shinagawa, Mikio - Neyagawa, Japan (JP), 214001 (09), Matsushita Electric Works, Ltd., Osaka, Japan (JP), 03, December 24, 1998 - ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS)., MATSUSHITA ELECTRIC WORKS, LTD. 1048, OAZA KADOMA, KADOMA-SHI OSAKA 571-8686 JAPAN, Reel and Frame Number: 009965/0959

CORE TERMS: reforming, combustion, heat, combustion chamber, gas, raw material, duct, oxidation, exhaust, chamber ...

LEVEL 1 - 1 OF 1 PATENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6413479

<=1> Get Drawing Sheet 1 of 21

July 2, 2002

Reforming apparatus for making a co-reduced reformed gas

REISSUE: November 26, 2003 - Reissue Application filed Ex. Gp.: 1764; Re. S.N. 10/722,166 (O.G. February 10, 2004)

APPL-NO: 214001 (09)

FILED-DATE: December 24, 1998

GRANTED-DATE: July 2, 2002

CORE TERMS: reforming, combustion, heat, combustion chamber, gas, raw material, duct, oxidation, exhaust, chamber ...

6413479 OR 6,413,479

Your search request has found no CASES.

To edit the above request, use the arrow keys. Be sure to move the cursor to the end of the request before you enter it.

To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

Current session 16/02/2005

Query/Command : N

..FILE / ..INFO / ..GUIDE

Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,65
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.70 USD
Cost estimated for the last database search :	0.70 USD
Estimated total session cost :	0.70 USD

Selected file: PLUSPAT

PLUSPAT - (c) Questel-Orbit, All Rights Reserved.
Comprehensive Worldwide Patents database
New Patent Citation Commands & FAM Citation Report - see INFO PATCITE
Announcing enhanced searchability of Relevancy Codes in Search Reports
for EP, WO and FR patents. For more details see below and on QO website
-To retrieve set of high relevancy X coded cited patents, use xctx=yes
-To extract cited patents with only high relevancy code, use mem/xctx
Last update of file: 2005/02/09 (YYYY/MM/DD) 2005-05/UP (last update)

Search statement 1

Query/Command : US6413479/PN

**** SS 1: Results 1**

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN - US6413479 B1 20020702 [US6413479]
TI - (B1) Reforming apparatus for making a co-reduced reformed gas
PA - (B1) MATSUSHITA ELECTRIC WORKS LTD (JP)
PA0 - Matsushita Electric Works, Ltd., Osaka [JP]
IN - (B1) KUDO HITOSHI (JP); SHINAGAWA MIKIO (JP); YAMAGA
NORIYUKI (JP)

- AP** - US21400198 19981224 [1998US-0214001]
- FD** - PCT/JP97/02265 19970630 [1997WO-JP02265]
WO98/00361 19980108 [WO9800361]
- PR** - JP17048396 19960628 [1996JP-0170483]
WOJP9702265 19970630 [1997WO-JP02265]
- IC** - (B1) C01B-003/22
- EC** - B01J-008/04D3B
B01J-008/04D4
B01J-008/04H
C01B-003/38B
C01B-003/48
C01B-003/58B
H01M-008/06B2C
H01M-008/06C
- ICO** - L01J-208/00C2R
M01B-203/08B12
M01B-203/08B2
M01B-203/08B2B
M01B-203/08B4
M01B-203/08B4B
- PCL** - ORIGINAL (O) : 422198000; CROSS-REFERENCE (X) : 048061000
048199000FM 208133000 422188000 423651000
- DT** - Corresponding document
- CT** - US5226928; US5458857; US5658681; EP199878; EP0199878; EP435642;
EP533232; EP600621; JP61247601; JP1183401; JP1282113; JP4170301;
JP5251104; JP6219704; JP07126001; JP7126001; JP8-106914; WO9800878
An English Language abstract of JP 7-126001.

An English Language abstract of JP 6-219704.

An English Language abstract of JP 1-183401.

An English Language abstract of JP1-282113.

An English Language abstract of JP 4-170301.

An English Language abstract of JP 5-251104.

Patent Abstract of Japan, vol. 1996 No. 08 Aug. 30, 1996, Abstract of JP-A-8-106914.
- STG** - (B1) U.S. Patent (no pre-grant pub.) after Jan. 2, 2001
- AB** - This reforming apparatus is provided with a raw material reforming unit including a heat source for generating heat when a fuel gas is burnt and adapted to reaction heat directly from the heat source, steam-reform a material, and produce a reformed gas containing hydrogen as a main component, a shift reaction unit for reducing by a water shift reaction the amount of CO contained in the reformed gas produced in the raw material reforming unit, a CO oxidation unit adapted to further reduce the amount of CO contained in the reformed gas

after the process in the shift reaction unit, by oxidizing the same. These units are united as independent units. These raw material reforming unit, shift reaction unit and CO oxidation unit are arranged so that the shift reaction unit and the CO oxidation unit are indirectly heated by the heat transmitted from the heat source of the raw material reforming unit. The indirect heating is conducted by a method of heat transmission in solid by which heat is transmitted from the outer faces of the combustion chamber via an intermediate member; a method utilizing radiant heat, and a method utilizing heat of a combustion exhaust gas discharged from the combustion chamber. Since this reforming apparatus is provided with these three independent reaction sections united together, it can be miniaturized, and the heat from the heat source can be utilized effectively, and the controlling of temperature in the reaction sections can be done excellently.

UP - 2002-28

1/1 LGST - ©EPO

PN - US6413479 B1 20020702 [US6413479]
AP - US21400198 19981224 [1998US-0214001]
ACT - 20040210 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031126
UP - 2004-08

1/1 CRXX - ©CLAIMS/RRX

PN - 6,413,479 A 20020702 [US6413479]
PA - Matsushita Electric Works Ltd JP
ACT - 20031126 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20040210
REISSUE REQUEST NUMBER: 10/722166
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1764

Reissue Patent Number:

Search statement 2

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 1,71

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Estimated cost :	1.40 USD
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Estimated total session cost :	6.80 USD

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Legal-Status informations :	1	
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Legal-Status informations :	1	
	Estimated cost :	0.50 USD
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LITA - Time in minutes : 0,37

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Cost estimated for the last database search :		0.90 USD
Estimated total session cost :		18.18 USD

Selected file: INPADO

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For information on content, (..)INFO INPD.

Search statement 1

Query/Command : FAM US6413479/PN

1 Patent Groups

**** SS 1: Results 14**

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 14 INPADO - ©INPADO

PN - AT 275529 E 20040915 [ATE275529]

TI - REFORMIERUNGSVORRICHTUNG ZUM ERZEUGEN EINES
SPALTGASES MIT VERRINGERTEM CO-GEHALT.

IN - KUDO HITOSHI [JP]; YAMAGA NORIYUKI [JP]; SHINAGAWA MIKIO [JP]
PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
AP - AT 97928525/97-EP 19970630 [1997EP-0928525]
PR - JP 170483/96-A 19960628 [1996JP-0170483]
WO 9702265/97(JP)-W 19970630 [1997WO-JP02265]
IC - C01B-003/48; C01B-003/58; C01B-003/38; B01J-008/02; H01M-008/06

2 / 14 INPADOC - ©INPADOC

PN - AU 32770/97 A1 19980121 [AU9732770]
TI - MODIFICATION APPARATUS
IN - KUDO HITOSHI; YAMAGA NORIYUKI; SHINAGAWA MIKIO
PA - MATSUSHITA ELECTRIC WORKS LTD
AP - AU 32770/97-A 19970630 [1997AU-0032770]
PR - JP 170483/96-A 19960628 [1996JP-0170483]
WO 9702265/97(JP)-W 19970630 [1997WO-JP02265]
IC - C01B-003/48

3 / 14 INPADOC - ©INPADOC

PN - CA 2259386 C 20020625 [CA2259386]
TI - MODIFICATION APPARATUS
LA - ENG
IN - YAMAGA NORIYUKI [JP]; KUDO HITOSHI [JP]; SHINAGAWA MIKIO [JP]
PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
AP - CA 2259386/97-A 19970630 [1997CA-2259386]
PR - JP 170483/96-A 19960628 [1996JP-0170483]
WO 9702265/97(JP)-W 19970630 [1997WO-JP02265]
IC - C01B-003/48

1 / 1 LEGALI - ©EPO

PN - CA2259386 A1 19980108 [CA2259386]CA2259386 C 20020625 [CA2259386]
AP - CA2259386 19970630 [1997CA-2259386]
ACTE - 20030403 CA/AFNE-A [+] NATIONAL PHASE ENTRY
EFFECTIVE DATE: 19981229

20030403 CA/EEER-A [+] EXAMINATION REQUEST
EFFECTIVE DATE: 19981229
UP - 2004-09

4 / 14 INPADOC - ©INPADOC

PN - CA 2259386 AA 19980108 [CA2259386]
TI - MODIFICATION APPARATUS
APPAREIL DE MODIFICATION
LA - ENG
IN - YAMAGA NORIYUKI [JP]; KUDO HITOSHI [JP]; SHINAGAWA MIKIO
[JP]
PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
AP - CA 2259386/97-A 19970630 [1997CA-2259386]
PR - JP 170483/96-A 19960628 [1996JP-0170483]
WO 9702265/97(JP)-W 19970630 [1997WO-JP02265]
IC - C01B-003/48

1 / 1 LEGALI - ©EPO

PN - CA2259386 A1 19980108 [CA2259386]CA2259386 C 20020625 [CA2259386]
AP - CA2259386 19970630 [1997CA-2259386]
ACTE - 20030403 CA/AFNE-A [+]
NATIONAL PHASE ENTRY
EFFECTIVE DATE: 19981229

20030403 CA/EEER-A [+]
EXAMINATION REQUEST
EFFECTIVE DATE: 19981229
UP - 2004-09

5 / 14 INPADOC - ©INPADOC

PN - CN 1094465 C 20021120 [CN1094465]
TI - Modification apparatus
IN - HITOSHI KUDO [JP]; NORIYUKI YAMAGA [JP]; MIKIO SHINAGAWA
[JP]
PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
AP - CN 97195956/97-A 19970630 [1997CN-0195956]
PR - JP 170483/96-A 19960628 [1996JP-0170483]
IC - C01B-003/48

6 / 14 INPADOC - ©INPADOC

PN - CN 1223622 A 19990721 [CN1223622]
TI - MODIFICATION APPARATUS
IN - HITOSHI KUDO [JP]; NORIYUKI YAMAGA [JP]; MIKIO SHINAGAWA
[JP]
PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
AP - CN 97195956/97-A 19970630 [1997CN-0195956]
PR - JP 170483/96-A 19960628 [1996JP-0170483]

IC - C01B-003/48

7 / 14 INPADOC - ©INPADOC

PN - DE 69730608 C0 20041014 [DE69730608]
 TI - Reformierungsvorrichtung zum Erzeugen eines Spaltgases mit verringertem CO-Gehalt.
 IN - KUDO HITOSHI [JP]; YAMAGA NORIYUKI [JP]; SHINAGAWA MIKIO [JP]
 PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
 AP - DE 69730608/97-A 19970630 [1997DE-6030608]
 PR - JP 170483/96-A 19960628 [1996JP-0170483]
 WO 9702265/97(JP)-W 19970630 [1997WO-JP02265]
 IC - C01B-003/48; C01B-003/58; C01B-003/38; B01J-008/02; H01M-008/06

8 / 14 INPADOC - ©INPADOC

PN - EP 922666 B1 20040908 [EP-922666]
 TI - Reforming apparatus for making a CO-reduced reformed gas.
 Appareil de reformage pour produire un gaz reform de teneur CO rduit
 Reformierungsvorrichtung zum Erzeugen eines Spaltgases mit verringertem CO-Gehalt.
 LA - ENG
 IN - KUDO HITOSHI [JP]; YAMAGA NORIYUKI [JP]; SHINAGAWA MIKIO [JP]
 PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
 AP - EP 97928525/97-A 19970630 [1997EP-0928525]
 PR - WO 9702265/97(JP)-W 19970630 [1997WO-JP02265]
 JP 170483/96-A 19960628 [1996JP-0170483]
 IC - C01B-003/48; C01B-003/58; C01B-003/38; B01J-008/02; H01M-008/06
 DS - AT* BE* CH* DE* DK* ES* FI* FR* GB* GR* IE* IT* LI* LU* MC* NL*
 PT* SE*

1 / 1 LEGALI - ©EPO

PN - EP0922666 A1 19990616 [EP-922666]EP0922666 A4 19991215 [EP-922666]
 EP0922666 B1 20040908 [EP-922666]
 AP - EP97928525 19970630 [1997EP-0928525]
 ACTE - 19990616 EP/AK-A [+]
 DESIGNATED CONTRACTING STATES:
 AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

 19990616 EP/17P-A [+]
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 EFFECTIVE DATE: 19990127

 19991215 EP/AK-A [+]
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AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

19991215 EP/A4-A [+]
SUPPLEMENTARY SEARCH REPORT
EFFECTIVE DATE: 19991103

19991215 EP/RIC1-A
CLASSIFICATION (CORRECTION)
6C 01B 3/48 A, 6C 01B 3/58 B, 6C 01B 3/38 B, 6B 01J 8/02 B, 6H 01M 8/06 B

20020417 EP/17Q-A [+]
FIRST EXAMINATION REPORT
EFFECTIVE DATE: 20020306

20040630 EP/RTI1-A
TITLE (CORRECTION)
REFORMING APPARATUS FOR MAKING A CO-REDUCED REFORMED
GAS.

20040908 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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CH: ENTRY IN THE NATIONAL PHASE
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20041006 EP/REG-A; IE/FG4D [+]
IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
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20041014 EP/REF-A
CORRESPONDS TO:
(DE 69730608 20041014 [DE69730608])

20041130 EP/REG-A; CH/NV
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REPRESENTATIVE: OK PAT AG PATENTE MARKEN LIZENZEN

UP - 2004-50

9 / 14 INPADOC - ©INPADOC

PN - EP 922666 A1 19990616 [EP-922666]

TI - Reforming apparatus for making a CO-reduced reformed gas.
Appareil de reformage pour produire un gaz reform de teneur CO rduit

Reformierungsvorrichtung zum Erzeugen eines Spaltgases mit verringertem CO-Gehalt.

LA - ENG
 IN - KUDO HITOSHI [JP]; YAMAGA NORIYUKI [JP]; SHINAGAWA MIKIO [JP]
 PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
 AP - EP 97928525/97-A 19970630 [1997EP-0928525]
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 JP 170483/96-A 19960628 [1996JP-0170483]
 IC - C01B-003/48
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1 / 1 LEGALI - ©EPO

PN - EP0922666 A1 19990616 [EP-922666]EP0922666 A4 19991215 [EP-922666]
 EP0922666 B1 20040908 [EP-922666]

AP - EP97928525 19970630 [1997EP-0928525]

ACTE - 19990616 EP/AK-A [+]
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 AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

19990616 EP/17P-A [+]
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19991215 EP/A4-A [+]
 SUPPLEMENTARY SEARCH REPORT
 EFFECTIVE DATE: 19991103

19991215 EP/RIC1-A
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 6C 01B 3/48 A, 6C 01B 3/58 B, 6C 01B 3/38 B, 6B 01J 8/02 B, 6H 01M 8/06 B

20020417 EP/17Q-A [+]
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 EFFECTIVE DATE: 20020306

20040630 EP/RTI1-A
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UP - 2004-50

10 / 14 INPADOC - ©INPADOC

PN - EP 922666 A4 19991215 [EP-922666]
TI - MODIFICATION APPARATUS
APPAREIL DE MODIFICATION
VORRICHTUNG ZUR VERÄNDERUNG
LA - ENG
IN - KUDO HITOSHI [JP]; YAMAGA NORIYUKI [JP]; SHINAGAWA MIKIO
[JP]
PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
AP - EP 97928525/97-A 19970630 [1997EP-0928525]
PR - WO 9702265/97(JP)-W 19970630 [1997WO-JP02265]
JP 170483/96-A 19960628 [1996JP-0170483]
IC - C01B-003/48
DS - AT* BE* CH* DE* DK* ES* FI* FR* GB* GR* IE* IT* LI* LU* MC* NL*
PT* SE*

1 / 1 LEGALI - ©EPO

PN - EP0922666 A1 19990616 [EP-922666]EP0922666 A4 19991215 [EP-922666]
EP0922666 B1 20040908 [EP-922666]
AP - EP97928525 19970630 [1997EP-0928525]
ACTE - 19990616 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

19990616 EP/17P-A [+]
REQUEST FOR EXAMINATION FILED
EFFECTIVE DATE: 19990127

19991215 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

19991215 EP/A4-A [+]
SUPPLEMENTARY SEARCH REPORT
EFFECTIVE DATE: 19991103

19991215 EP/RIC1-A
CLASSIFICATION (CORRECTION)
6C 01B 3/48 A, 6C 01B 3/58 B, 6C 01B 3/38 B, 6B 01J 8/02 B, 6H 01M 8/06 B

20020417 EP/17Q-A [+]
FIRST EXAMINATION REPORT
EFFECTIVE DATE: 20020306

20040630 EP/RTI1-A
TITLE (CORRECTION)
REFORMING APPARATUS FOR MAKING A CO-REDUCED REFORMED
GAS.

20040908 EP/AK-A [+]
DESIGNATED CONTRACTING STATES:
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

20040908 EP/REG-A; GB/FG4D [+]
GB: EUROPEAN PATENT GRANTED
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CH: ENTRY IN THE NATIONAL PHASE
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20041006 EP/REG-A; IE/FG4D [+]
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20041014 EP/REF-A
CORRESPONDS TO:
(DE 69730608 20041014 [DE69730608])

20041130 EP/REG-A; CH/NV
CH: NEW AGENT
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REPRESENTATIVE: OK PAT AG PATENTE MARKEN LIZENZEN

UP - 2004-50

11 / 14 INPADOC - ©INPADOC

PN - JP 3403416 B2 20030506 [JP3403416]
AP - JP 503990/98-A 19970630 [1998JP-0503990]
PR - JP 170483/96-A 19960628 [1996JP-0170483]
WO 9702265/97(JP)-W 19970630 [1997WO-JP02265]
IC - C01B-003/38; C01B-003/48

12 / 14 INPADOC - ©INPADOC

PN - KR 2000022546 A 20000425 [KR0022546]
TI - MODIFICATION APPARATUS
IN - KUDO HITOSHI [KR]; YAMAGA NORIYUKI [KR]; SHINAGAWA MIKIO [KR]
PA - MATSUSHITA ELECTRIC WORKS LTD
AP - KR 98710994/98-T 19981228 [1998KR-0710994]
PR - JP 170483/96-A 19960628 [1996JP-0170483]
IC - C01B-003/48

13 / 14 INPADOC - ©INPADOC

PN - US 6413479 BA 20020702 [US6413479]
TI - Reforming apparatus for making a co-reduced reformed gas
IN - KUDO HITOSHI [JP]; YAMAGA NORIYUKI [JP]; SHINAGAWA MIKIO [JP]
PA - MATSUSHITA ELECTRIC WORKS LTD [JP]
AP - US 214001/98-A 19981224 [1998US-0214001]
PR - JP 170483/96-A 19960628 [1996JP-0170483]
WO 9702265/97(JP)-W 19970630 [1997WO-JP02265]
IC - C01B-003/22

1 / 1 LEGALI - ©EPO

PN - US6413479 B1 20020702 [US6413479]
AP - US21400198 19981224 [1998US-0214001]
ACTE - 20040210 US/RF-A
REISSUE APPLICATION FILED
EFFECTIVE DATE: 20031126
UP - 2004-08

14 / 14 INPADOC - ©INPADOC

PN - WO 9800361 A1 19980108 [WO9800361]
TI - MODIFICATION APPARATUS

APPAREIL DE MODIFICATION

LA - JAP
IN - KUDO HITOSHI [JP]; YAMAGA NORIYUKI [JP]; SHINAGAWA MIKIO [JP]
PA - MATSUSHITA ELECTRIC WORKS LTD [JP]; KUDO HITOSHI [JP]; YAMAGA NORIYUKI [JP]; SHINAGAWA MIKIO [JP]
AP - WO JP 9702265/97(JP)-A 19970630 [1997WO-JP02265]
PR - JP 170483/96-A 19960628 [1996JP-0170483]
IC - C01B-003/48
DS - AL* AM* AT* AU* AZ* BA* BB* BG* BR* BY* CA* CH* CN* CU* CZ* DE* DK* EE* ES* FI* GB* GE* GH* HU* IL* IS* JP* KE* KG* KR* KZ* LC* LK* LR* LS* LT* LU* LV* MD* MG* MK* MN* MW* MX* NO* NZ* PL* PT* RO* RU* SD* SE* SG* SI* SK* SL* TJ* TM* TR* TT* UA* UG* US* UZ* VN* YU* ZW* AM* AZ* BY* KG* KZ* MD* RU* TJ* TM* GH KE LS MW SD SZ UG ZW AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT

1 / 1 LEGALI - ©EPO

PN - WO9800361 A1 19980108 [WO9800361]
AP - WOJP9702265 19970630 [1997WO-JP02265]
ACTE - 19980108 WO/AK [+]

DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW AM AZ BY KG KZ MD RU TJ TM

19980108 WO/AL [+]

DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT

GH KE LS MW SD SZ UG ZW AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT

19980219 WO/DFPE

REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF 19TH MONTH FROM PRIORITY DATE

19980429 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN THIS APPLICATION

19981224 WO/ENP

ENTRY INTO THE NATIONAL PHASE IN:

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Search statement 2